

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/975,863
Filing Date	12 October 2001
First Named Inventor	Christoph Menzel et al.
Group Art Unit	3736
Examiner Name	P. Wingood
Attorney Docket Number	RXSD 1013-1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CS	A1	3,808,354		Feezor et al.	04-30-1974	
	A2	4,284,847		Besserman	08-18-1981	
	A3	5,197,332		Shennib	03-30-1993	
	A4	5,737,389		Allen	04-07-1998	
	A5	5,811,681		Braun et al.	09-22-1998	
	A6	5,868,683		Protopapas et al.	02-09-1999	
	A7	5,928,160		Clark et al.	07-27-1999	
	A8	6,022,315		Iliff	02-08-2000	
	A9	6,061,431		Knappe et al.	05-09-2000	
	A10	6,319,207		Naidoo	11-20-2001	
	A11	6,322,521		Hou	11-27-2001	
	A12	6,379,314		Horn	04-30-2002	
	A13	6,428,485		Rho	08-06-2002	
	A14	6,522,988		Hou	02-18-2003	
	A15	2002/0068986		Mouline	06-06-2002	
CS	A16	2002/0076056		Pavlakos	06-20-2002	
	A17					
	A18					
	A19					
	A20					

TECHNOLOGY CENTER R8700

JUL 02 2003

RECEIVED

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CS	B1		WO 00/64350		Czyzewski et al.	11-02-2000		
	B2		WO 01/26272		Menzel et al.	04-12-2001		
	B3		WO 01/52737		Audia Tech	07-26-2001		
	B4		DE 19600234		Auric	07-10-1997		
	B5		DE 19815373		Siemens	10-14-1999		
CS	B6		DE 29905172		Roman et al.	06-10-1999		
	B7							
	B8							
	B9							
	B10							

Examiner Signature

[Handwritten Signature]

Date

Considered

3/10/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	09/975,863
Filing Date	12 October 2001
First Named Inventor	Christoph Menzel et al.
Group Art Unit	3736
Examiner Name	P. Wingood
Attorney Docket Number	RXSD 1013-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
ES	C1	U.S. Provisional Application No. 60/177,695 entitled "Remote Hearing Test" filed 24 January 2000.
	C2	U.S. Provisional Application No. 60/189,010 entitled "Method and System for On-Line Hearing Examination and Correction" filed 13 March 2000.
	C3	BRAIDA, L.D. et al., "Review of Recent Research on Multiband Amplitude Compression for the Hearing Impaired," Studebaker, G.A., et al. eds., The Vanderbilt Hearing-Aid Report, Upper Darby, Pennsylvania: Monographs in Contemporary Audiology (1982), 133-140.
	C4	LIPPMANN, R.P., et al., "Study of Multichannel Amplitude Compression and Linear Amplification for Persons with Sensorineural Hearing Loss," J. Acoust. Soc. Am. (February 1981) 524-534.
	C5	VILLCHUR, E., "Signal Processing to Improve Speech Intelligibility in Perceptive Deafness," J. Acoust. Soc. Am. 53(6) (1973), 1646-1657.
	C6	http://www.hearingtest.com/ Web site providing a survey-type hearing assessment test and a telephone supported test, on-line as early as 01 July 2000.
	C7	http://www.didyouhear.me.com/ Web site providing an internet-based hearing test, on-line as early as 01 July 2000.
	C8	http://www.handtronix.com/ Web site providing an internet-based hearing test, on-line as early as 01 July 2000.
	C9	http://www.freehearingtest.com/core.shtml Web site providing an internet-based hearing test, on-line as early as 01 December 2000.
	C10	www.audiainc.com (formerly www.hearingrx.com) Web site providing an internet-based hearing test. on-line as early as 26 January 2000.
dy	C11	http://www.nigelworks.com/Pages/software.html#Anchor-Nigel-49575 internet-based hearing test, date of first publication unknown. URL reg. date as early as 18 July 1999.

Examiner
Signature

[Handwritten Signature]

Date

Considered

3/10/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number	09/975,863
Filing Date	12 October 2001
First Named Inventor	Christoph Menzel et al.
Group Art Unit	3736
Examiner Name	P. Wingood
Attorney Docket Number	RXSD 1013-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TECHNOLOGY CENTER R3100
CS	C12	http://www.onlinehearing.com/html/home.html Web site providing an internet-based hearing test, on-line as early as 01 May 2000.	
	C13	http://www.songbirdhearing.com/ Web site providing a survey-type hearing assessment test, publication date unknown.	
	C14	http://www.weinstein.cncfamily.com/AAI/ Audiology Associates, Inc. online hearing test, date of publication unknown.	
CS	C15	http://www.audiologyawareness.com/ Web site providing survey-type hearing assessment tests, date of publication unknown. URL reg. as early as 24 November 1997.	

Examiner
Signature

Carl H. [Signature]

Date

Considered

3/10/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.